



Attorney Docket No.: 42P15578

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor Patent Application of:

Ashok N. Kabadi, et al.

Application No.: 10/692,443

Filed: October 22, 2003

For: **VARIABLE DENSITY GRAPHITE
FOAM HEAT SINK**

Examiner: Boris Leo Chervinsky

Art Unit: 2835

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 together with copies of any foreign patent and non-patent literature documents cited thereon. It is respectfully requested that the cited documents be considered, and that the enclosed copy of Information Disclosure Citation Form PTO-1449 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant.

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

By: Anne Collette
Anne Collette

Date: April 21, 2005

Pursuant to 37 C.F.R. § 1.97, this Information Disclosure Statement is being submitted under one of the following (as indicated by an "X" to the left of the appropriate paragraph):

 X 37 C.F.R. §1.97(b).

 37 C.F.R. §1.97(c). If so, then enclosed with this Information Disclosure Statement is one of the following:

 A statement pursuant to 37 C.F.R. §1.97(e) or

 A check for \$180.00 for the fee under 37 C.F.R. § 1.17(p).

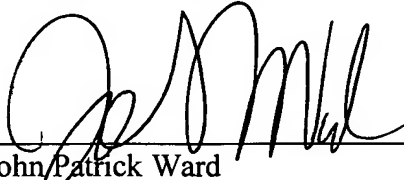
 37 C.F.R. §1.97(d). If so, then enclosed with this Information Disclosure Statement are the following:

- (1) A statement pursuant to 37 C.F.R. §1.97(e); and
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If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP



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Substitute for Form 1449A/PTO (Modified) <h2 style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</h2> <p style="text-align: center;">(use as many sheets as necessary)</p> <div style="border: 1px solid black; border-radius: 50%; width: 100px; height: 100px; display: flex; align-items: center; justify-content: center; margin: 10px auto;"> <div style="writing-mode: vertical-rl; transform: rotate(180deg); font-size: 8px;">PATENT & TRADEMARK OFFICE</div> <div style="text-align: center;"> <div style="font-weight: bold; font-size: 12px;">APR 25 2005</div> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> Sheet 1 of 1 </div>				Complete if Known	
		Application Number	10/692,443		
		Filing Date	October 22, 2003		
		First Named Inventor:	Ashok N. Kabadi		
		Group Art Unit	2835		
		Examiner Name	Boris Leo Chervinsky		
		Attorney Docket Number	42P15578		

U.S. PATENT DOCUMENTS						
Exam. Initial*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Code ²	Kind (If known)			
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Exam. Initial*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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OTHER ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		EUROPEAN PATENT OFFICE, International Search Report and Written Opinion for International Application No. PCT/US2004/034146, Attorney Docket No. 42P15578PCT, 15 pages, 5 April 2005.	
		GOU, Z. et al., <i>Forced Convection in a Channel Filled with High Thermal Conductivity Carbon Foams</i> , 6 th Annual International Conference on Composites Engineering, Orlando, FL, 27 June – 3 July 1999, pp. 889-890.	
		KLETT, LYNN et al., <i>Foam Core Sandwich Panels Made from High Thermal Conductivity Mesophase Pitch-Based Carbon Foam</i> , Proceedings of the 24 th Biennial Conference on Carbon, Charleston, SC, 11-16 July 1999, pp. 310-311.	
		KLETT, JAMES et al., <i>Thermal Management Solutions Utilizing High Thermal Conductivity Graphite Foams</i> , 45 th International SAMPE Symposium, Long Beach, CA, 21-25 May 2000, pp. 1933-1943.	
		GALLEGO, NIDIA C. et al., <i>Carbon Foams for Thermal Management</i> , Carbon, Vol. 31, 2003, pp. 1461-1466.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard S.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.